

**Actuated Valves Product**  
**Valve Actuation Questionnaire Checklist Ball Valves**



**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

<b>Ball Valves: System Media Pressure (Required)</b> psi _____ kPa _____ Bar _____ <b>Nominal Size</b> in _____ mm _____ cm _____		<b>Valve Quantity Each</b> _____
<b>Ball Valve Type :</b> True Union <u>Industrial</u> <input type="checkbox"/> Three Way Full Port <input type="checkbox"/> (See 3-way orientation box below) True Union <u>Standard</u> <input type="checkbox"/> Three Way Regular <input type="checkbox"/> (See 3-way orientation box below) True Union Tee Style <input type="checkbox"/> Tandem Three Way <input type="checkbox"/> (Tandem Diverter Orientation Questionnaire Required) Compact <input type="checkbox"/> Other Valve Type <input type="checkbox"/> _____		
<b>Body Material:</b> PVC <input type="checkbox"/> EPDM <input type="checkbox"/> CPVC <input type="checkbox"/> FKM <input type="checkbox"/> LE PVC <input type="checkbox"/> Other <input type="checkbox"/> (If Other Explain) _____		<b>O-ring Seals :</b> Socket <input type="checkbox"/> Flange <input type="checkbox"/> Threaded <input type="checkbox"/> Spigot <input type="checkbox"/> SR Threaded <input type="checkbox"/> Metric <input type="checkbox"/> DIN <input type="checkbox"/> JIS <input type="checkbox"/> BSP(Thread) <input type="checkbox"/>
<b>End Connector :</b>		
<b>Vertical 3- Way Orientation</b> <input type="checkbox"/> Single L Port <input type="checkbox"/> Double L Port <input type="checkbox"/> Triple L Port <input type="checkbox"/> T Port <input type="checkbox"/> T Port Mixing <input type="checkbox"/> Double Port Mixing		<b>Horizontal 3- Way Orientation</b> <input type="checkbox"/> L Port <input type="checkbox"/> T Port <input type="checkbox"/> Double Port <input type="checkbox"/> T Port-Mixing
<b>Pneumatic</b> <input type="checkbox"/> <b>Not all combinations may be available.</b> <b>FailSafe Type</b> - (Position to which valve cycles upon air loss) <input type="checkbox"/> Double Acting (No FailSafe. Stays in last activated position) <input type="checkbox"/> Spring Return - Close (FailSafe <u>in closed position</u> upon air loss) <input type="checkbox"/> Spring Return - Open (FailSafe <u>in open position</u> upon air loss) <input type="checkbox"/> Other: _____ <b>Operating Air Pressure (psi)</b> - (Compressed air supply required to operate actuator) <input type="checkbox"/> 80-150 <input type="checkbox"/> Other: _____ <b>Override Type</b> - (Override used to cycle valve upon air loss) <input type="checkbox"/> Basic <input type="checkbox"/> Declutchable <input type="checkbox"/> Other: _____		<b>Electric</b> <input type="checkbox"/> <b>Not all combinations may be available.</b> <input type="checkbox"/> Basic Two Position (90 Degree Travel Standard) <input type="checkbox"/> 3 Position    90 <input type="checkbox"/> 180 <input type="checkbox"/> <b>FailSafe Position</b> (if required) <input type="checkbox"/> Fail Open - FailSafe <u>in open position</u> upon power loss <input type="checkbox"/> Fail Close - FailSafe <u>in closed position</u> upon power loss <b>Voltage Supply Power:</b> <input type="checkbox"/> 115 VAC <input type="checkbox"/> 230 VAC <input type="checkbox"/> Other: _____ <b>Frequency</b> <input type="checkbox"/> 50 Hertz <input type="checkbox"/> 60 Hertz <b>Phase</b> <input type="checkbox"/> Single <input type="checkbox"/> Three <b>Override Type</b> - (Override used to cycle valve upon power loss) <input type="checkbox"/> Basic <input type="checkbox"/> Declutchable <input type="checkbox"/> Other: _____ <b>Duty Cycle</b> (Amount of work valve can accomplish before requiring rest) <input type="checkbox"/> 25% <input type="checkbox"/> 75% <input type="checkbox"/> Other/Min. Requirement : _____ <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____
<b>Aux. Limit Switches</b> - Additional mechanical switches to operate external lights, alarms etc. (set of 2) <input type="checkbox"/> SPDT- Mechanical <input type="checkbox"/> SPDT - Proximity <input type="checkbox"/> DPDT - Mechanical Voltage Signal Type Specify Voltage: _____ <b>Visual Indicator</b> - (Provides local visual valve position indication) <input type="checkbox"/> Low Profile <input type="checkbox"/> Dome <input type="checkbox"/> No Indicator		<b>Note: On "Fail Safe" Options Two Positions ONLY Override Not Recommended.</b>
<b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle). <input type="checkbox"/> <b>Pneumatic Positioner</b> (Air supply required to operate valve) Signal Pressure (Air pressure required to position the valve) <input type="checkbox"/> 3-15 psi <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Electro-Pneumatic Positioner</b> (Air and voltage supply required to operate) Signal Voltage Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>With Transmitter</b> - (Sends output signal to PLC to provide valve position) <b>Transmitter Output</b> <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____		<b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle) <input type="checkbox"/> <b>Positioner with Transmitter</b> Signal Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <b>Transmitter</b> - (Sends output signal to PLC to provide valve position) Signal Output <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Positioner - NO Transmitter</b> Signal Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____
<b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids, solids and gases ) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____ <b>Solenoid Valve</b> - (Regulates actuator intake/exhaust air supply) <input type="checkbox"/> 3 & 4 Way <input type="checkbox"/> Dual Coil (Double Acting Actuators only) <input type="checkbox"/> Other: _____ <b>Solenoid Valve Voltage</b> <input type="checkbox"/> 115 VAC <input type="checkbox"/> 230 VAC <input type="checkbox"/> Other: _____ <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Other Options:</b> _____		<b>Auxiliary Limit Switches</b> (Additional mechanical switches to operate external lights, alarms etc.) <input type="checkbox"/> 2 <input type="checkbox"/> 4 (Set of 2 each) <b>Standard Accessories</b> - All options not available in all actuator combinations <input type="checkbox"/> Torque Sensor <input type="checkbox"/> LED Indicating Lights (red /green) <input type="checkbox"/> Battery Backup <input type="checkbox"/> 2 Wire Control Relay <input type="checkbox"/> Speed Control <input type="checkbox"/> Heater & Thermostat <input type="checkbox"/> [On @ 41F] [Off @ 60.8F] <input type="checkbox"/> [On @ 62.6F] [Off @ 80.6F] <input type="checkbox"/> [On @ 69.8F] [Off @ 89.6F] <input type="checkbox"/> <b>Other Options:</b> _____

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